

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	449	neutral\$4 near ion\$4 near particles	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 10:27
L2	47	conduct\$4 same (neutral\$4 near ion\$4 near particles)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 10:29
L3	1247	neutral\$4 near radical\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 10:31
L4	83	conduct\$4 same (neutral\$4 near radical\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:09
L5	2	("5312519").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/30 11:09
L6	802	5 and "22"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 11:09
L7	0	5 and "22"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 11:09
L8	6	("5229872" "5296891" "5523193" "5969441" "6046792" "6385290").PN.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L9	1	downstream adj radical adj source	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L10	4	("4980536"   "5390228"   "5480492"   "5643472").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L11	1	downstream adj radical adj source	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L12	6	("5229872" "5296891" "5523193" "5969441" "6046792" "6385290").PN.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L13	4	("4980536"   "5390228"   "5480492"   "5643472").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46

L14	0	("8045165").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L15	0	("8045165").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L16	29	("4368080"   "4393311"   "4508749"   "4720621"   "4731516"   "4756765"   "4782029"   "4898650"   "4920994"   "4979180"   "4980536"   "4987286"   "5023424"   "5024968"   "5099557"   "5151134"   "5151135"   "5193738"   "5194723"   "5204517"   "5223080"   "5228206"   "5308791"   "5319183"   "5322988"   "5328517"   "5373140"   "5403627"   "5418349").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L17	1	("5099557").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L18	17	("3364087"   "3464534"   "3503804"   "4160166"   "4181538"   "4292093"   "4305973"   "4393311"   "4568632"   "4668304"   "4680616"   "4687539"   "4731516"   "4782029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L19	2	("0538791").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L20	1	("5308791").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L21	2	("5024968"   "5147465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L22	0	355/53.ccls. and 355/30.ccls. and 355/67.ccls. and 355/43.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L23	6	("5229872" "5296891" "5523193" "5969441" "6046792" "6385290").PN.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L24	5652	355/53.ccls. or 355/30.ccls. or 355/67.ccls. or 355/43.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L25	712	L24 and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L26	103	L25 and cleaning	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46

L27	163	L25 and gas and clean	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L28	3	L24 and (plasma with (gas adj supply)\) and clean	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L29	3	L24 and (plasma with (gas adj supply) and clean )	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L30	440	430/125.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L31	598	134/1.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L32	464	134/39.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L33	0	L30 and L31 and L32	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L34	1495	L30 or L31 or L32	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L35	50	L34 and (projection or lithograph\$3) and (lens)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L36	1	"20010055104"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L37	0	L36 and (gas adj supply)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L38	1	L36 and (gas with supply)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L39	1	L36 and (gas )	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 11:46
L40	1	("6038015").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L41	1	L40 and CA	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L42	19434	"355"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L43	88475	"250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L44	77972	"359"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L45	71959	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46

L46	15	L42 and L43 and L44 and L45	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L47	246414	L42 or L43 or L44 or L45	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L48	16402	L47 and radicals	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L49	16402	L47 and radical	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L50	4052	L47 and (radical) and (lithograph\$3)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L51	1837	L50 and gas	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L52	677	L51 and (contaminant or impurit\$3 or clean)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L53	122	L52 and projection	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L54	57	L52 and projection and plasma	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L55	2	L47 and (faraday adj grid)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L56	1	"20040165160"	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L57	1	L56 and "4"	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L58	1	("6427703").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L59	0	L58 and discharge	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L60	1	L58 and free	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L61	1	("6427703").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L62	1	L61 and (oxygen adj source and oxidizer)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L63	1	L61 and (oxygen adj source and oxidizer)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L64	1	L61 and "216"	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L65	8	(("4980536") or ("5643472") or ("5480492") or ("6038015") or ("5099557") or ("5308791") or ("6105589") or ("6427703")).PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L66	5	L65 and conduct\$	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46

L67	19434	"355"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L68	88475	"250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L69	77972	"359"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L70	71959	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L71	246414	L67 or L68 or L69 or L70	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L72	440	430/125.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L73	598	134/1.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L74	464	134/39.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L75	1495	L72 or L73 or L74	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L76	247433	L71 or L75	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L77	2145	L76 and plasma and lens and clean\$4	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L78	1541	L76 and plasma and lens and clean\$4 and gas	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L79	269	L76 and plasma and lens and clean\$4 and gas and radical	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L80	0	L76 and plasma and lens and clean\$4 and gas and radical near walls	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L81	129	L76 and plasma and lens and clean\$4 and gas and radical and walls	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L82	218	L76 and (conduct\$5 adj screen)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L83	247433	L76 L81 and L82	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L84	1	L81 and L82	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L85	747	L76 and oxidizer	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L86	18007	faraday	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L87	7	faraday with (charge adj part\$5)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46

L88	0	("61056589").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L89	1	("6105589").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L90	1	L89 and tube	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L91	1	("5312519").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
L92	1	L91 and (neutral\$5 with tube)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L93	1	L91 and (neutral\$5 with tube) and wall	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L94	1	"20010028447"	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L95	1	L94 and plasma	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L96	1589748	L94 and radicals or free	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L97	0	L94 and (radicals or free)	US-PGPUB; USPAT	OR	ON	2005/12/30 11:46
L98	1	("6385290").PN.	USPAT; USOCR	OR	OFF	2005/12/30 11:46
S1	6	("5229872" "5296891" "5523193" "5969441" "6046792" "6385290").PN.	US-PGPUB; USPAT	OR	ON	2005/05/18 09:50
S2	1	downstream adj radical adj source	US-PGPUB; USPAT	OR	ON	2005/05/18 07:22
S3	4	("4980536"   "5390228"   "5480492"   "5643472").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 07:23
S4	6	("5229872" "5296891" "5523193" "5969441" "6046792" "6385290").PN.	US-PGPUB; USPAT	OR	ON	2005/05/18 08:49
S5	1	downstream adj radical adj source	US-PGPUB; USPAT	OR	ON	2005/05/18 08:49
S6	4	("4980536"   "5390228"   "5480492"   "5643472").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 08:49
S7	0	("8045165").PN.	USPAT; USOCR	OR	OFF	2005/05/18 09:02
S8	0	("8045165").PN.	USPAT; USOCR	OR	OFF	2005/05/18 09:03

S9	29	("4368080"   "4393311"   "4508749"   "4720621"   "4731516"   "4756765"   "4782029"   "4898650"   "4920994"   "4979180"   "4980536"   "4987286"   "5023424"   "5024968"   "5099557"   "5151134"   "5151135"   "5193738"   "5194723"   "5204517"   "5223080"   "5228206"   "5308791"   "5319183"   "5322988"   "5328517"   "5373140"   "5403627"   "5418349").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 09:04
S10	1	("5099557").PN.	USPAT; USOCR	OR	OFF	2005/05/18 09:50
S11	17	("3364087"   "3464534"   "3503804"   "4160166"   "4181538"   "4292093"   "4305973"   "4393311"   "4568632"   "4668304"   "4680616"   "4687539"   "4731516"   "4782029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 09:53
S12	2	("0538791").PN.	USPAT; USOCR	OR	OFF	2005/05/18 09:53
S13	1	("5308791").PN.	USPAT; USOCR	OR	OFF	2005/05/18 09:53
S14	2	("5024968"   "5147465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 09:54
S15	0	355/53.ccls. and 355/30.ccls. and 355/67.ccls. and 355/43.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 09:56
S16	6	("5229872" "5296891" "5523193" "5969441" "6046792" "6385290").PN.	US-PGPUB; USPAT	OR	ON	2005/05/18 09:55
S17	5099	355/53.ccls. or 355/30.ccls. or 355/67.ccls. or 355/43.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 09:56
S18	566	S17 and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 09:56
S19	79	S18 and cleaning	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 10:14
S20	140	S18 and gas and clean	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 10:14
S21	3	S17 and (plasma with (gas adj supply)\) and clean	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 10:15

S22	3	S17 and (plasma with (gas adj supply) and clean )	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 10:15
S23	425	430/125.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 10:23
S24	545	134/1.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 10:23
S25	459	134/39.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 10:23
S26	0	S23 and S24 and S25	US-PGPUB; USPAT	OR	ON	2005/05/18 10:23
S27	1422	S23 or S24 or S25	US-PGPUB; USPAT	OR	ON	2005/05/18 10:23
S28	43	S27 and (projection or lithograph\$3) and (lens)	US-PGPUB; USPAT	OR	ON	2005/05/18 12:01
S29	1	"20010055104"	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 12:02
S30	0	S29 and (gas adj supply)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 12:03
S31	1	S29 and (gas with supply)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 12:03
S32	1	S29 and (gas )	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/18 12:21
S33	1	("6038015").PN.	USPAT; USOCR	OR	OFF	2005/05/18 12:21
S34	1	S33 and CA	US-PGPUB; USPAT	OR	ON	2005/05/18 12:54
S35	18657	"355"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 12:54
S36	85311	"250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 12:54
S37	74318	"359"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 12:54
S38	69631	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 12:54
S39	13	S35 and S36 and S37 and S38	US-PGPUB; USPAT	OR	ON	2005/05/18 12:55
S40	236868	S35 or S36 or S37 or S38	US-PGPUB; USPAT	OR	ON	2005/05/18 12:55
S41	15559	S40 and radicals	US-PGPUB; USPAT	OR	ON	2005/05/18 12:55



S42	15559	S40 and radical	US-PGPUB; USPAT	OR	ON	2005/05/18 12:55
S43	3752	S40 and (radical) and (lithograph\$3)	US-PGPUB; USPAT	OR	ON	2005/05/18 12:55
S44	1661	S43 and gas	US-PGPUB; USPAT	OR	ON	2005/05/18 12:56
S45	606	S44 and (contaminant or impurit\$3 or clean)	US-PGPUB; USPAT	OR	ON	2005/05/18 12:56
S46	101	S45 and projection	US-PGPUB; USPAT	OR	ON	2005/05/18 13:00
S47	45	S45 and projection and plasma	US-PGPUB; USPAT	OR	ON	2005/05/18 13:54
S48	2	S40 and (faraday adj grid)	US-PGPUB; USPAT	OR	ON	2005/05/18 14:34
S49	1	"20040165160"	US-PGPUB; USPAT	OR	ON	2005/05/18 14:34
S50	1	S49 and "4"	US-PGPUB; USPAT	OR	ON	2005/05/18 15:27
S51	1	("6427703").PN.	USPAT; USOCR	OR	OFF	2005/05/18 15:27
S52	0	S51 and discharge	US-PGPUB; USPAT	OR	ON	2005/05/18 15:28
S53	1	S51 and free	US-PGPUB; USPAT	OR	ON	2005/05/18 15:28
S54	1	("6427703").PN.	USPAT; USOCR	OR	OFF	2005/05/19 08:03
S55	1	S54 and (oxygen adj source and oxidizer)	US-PGPUB; USPAT	OR	ON	2005/05/19 08:03
S56	1	S54 and (oxygen adj source and oxidizer)	US-PGPUB; USPAT	OR	ON	2005/05/19 08:05
S57	1	S54 and "216"	US-PGPUB; USPAT	OR	ON	2005/05/19 08:56
S58	8	("4980536") or ("5643472") or ("5480492") or ("6038015") or ("5099557") or ("5308791") or ("6105589") or ("6427703")).PN.	USPAT; USOCR	OR	OFF	2005/05/19 08:57
S59	5	S58 and conduct\$	US-PGPUB; USPAT	OR	ON	2005/05/19 08:58
S60	18668	"355"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S61	85365	"250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S62	74373	"359"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52

S63	69679	"430"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S64	237031	S60 or S61 or S62 or S63	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S65	425	430/125.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S66	546	134/1.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S67	459	134/39.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S68	1423	S65 or S66 or S67	US-PGPUB; USPAT	OR	ON	2005/05/19 09:52
S69	237994	S64 or S68	US-PGPUB; USPAT	OR	ON	2005/05/19 09:53
S70	1893	S69 and plasma and lens and clean\$4	US-PGPUB; USPAT	OR	ON	2005/05/19 09:53
S71	1357	S69 and plasma and lens and clean\$4 and gas	US-PGPUB; USPAT	OR	ON	2005/05/19 09:53
S72	237	S69 and plasma and lens and clean\$4 and gas and radical	US-PGPUB; USPAT	OR	ON	2005/05/19 09:55
S73	0	S69 and plasma and lens and clean\$4 and gas and radical near walls	US-PGPUB; USPAT	OR	ON	2005/05/19 09:56
S74	113	S69 and plasma and lens and clean\$4 and gas and radical and walls	US-PGPUB; USPAT	OR	ON	2005/05/19 09:57
S75	210	S69 and (conduct\$5 adj screen)	US-PGPUB; USPAT	OR	ON	2005/05/19 09:58
S76	237994	S69 S74 and S75	US-PGPUB; USPAT	OR	ON	2005/05/19 09:58
S77	1	S74 and S75	US-PGPUB; USPAT	OR	ON	2005/05/19 10:08
S78	714	S69 and oxidizer	US-PGPUB; USPAT	OR	ON	2005/05/19 11:50
S79	16824	faraday	US-PGPUB; USPAT	OR	ON	2005/05/19 11:50
S80	6	faraday with (charge adj part\$5)	US-PGPUB; USPAT	OR	ON	2005/05/19 11:59
S81	0	("61056589").PN.	USPAT; USOCR	OR	OFF	2005/05/19 11:59
S82	1	("6105589").PN.	USPAT; USOCR	OR	OFF	2005/05/19 11:59
S83	1	S82 and tube	US-PGPUB; USPAT	OR	ON	2005/05/19 12:04

S84	1	("5312519").PN.	USPAT; USOCR	OR	OFF	2005/05/19 12:04
S85	1	S84 and (neutral\$5 with tube)	US-PGPUB; USPAT	OR	ON	2005/05/19 12:05
S86	1	S84 and (neutral\$5 with tube) and wall	US-PGPUB; USPAT	OR	ON	2005/05/19 14:29
S87	1	"20010028447"	US-PGPUB; USPAT	OR	ON	2005/05/19 14:29
S88	1	S87 and plasma	US-PGPUB; USPAT	OR	ON	2005/05/19 14:30
S89	1505526	S87 and radicals or free	US-PGPUB; USPAT	OR	ON	2005/05/19 14:30
S90	0	S87 and (radicals or free)	US-PGPUB; USPAT	OR	ON	2005/05/19 14:45
S91	1	("6385290").PN.	USPAT; USOCR	OR	OFF	2005/05/19 14:45